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NSTC GREAT LAKES, IL
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LETTER REGARDING COMMITMENT TO PROVIDE LABORATORY ANALYSIS FOR
REGION V QUALITY ASSURANCE PLAN GUIDANCE DOCUMENT NS GREAT LAKES IL
7/9/1997
ARDL, INC

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**applied research & development laboratory**CHEMISTRY • BIOLOGY • PHYSIOLOGY
ENGINEERING • ENVIRONMENTAL ANALYSIS

9 July 1997

Mr. Phil Ramos
Beling Consultants
1001 16th Street
Moline, IL 61625

RE: Letter of Commitment
Statement of Qualifications

Dear Mr. Ramos:

As a result of our recent telephone conversation, ARDL, Inc. is pleased to submit this letter of commitment to provide Contract Laboratory Protocol (CLP) analyses for your project as required by Region V's Model QAPP Guidance Document. We are fully qualified to provide CLP analysis data by virtue of our previous experience in providing similar requirements for the Illinois EPA, the US Army Corps of Engineers, Brown & Root Environmental under a NAVY subcontract and several engineering firms as well. Attachment No. 1 is ARDL's "Highlights" which illustrates our overall capability and experience.

In addition, in support of the certifications for the USACE, NAVY and Rocky Mountain Arsenal, ARDL has on file Standard Operating Procedures (SOP's) for all methods required under each contract. Our SOP's for chlorinated herbicides not specified in the Model QAPP but required by your contract have been reviewed and approved by respective agencies and are in current use. A list of all methods which ARDL has written SOP's on file is included herein as Attachment No. 2.

Finally, ARDL has been audited by several agencies on a regular basis since 1986. Our staff is experienced in providing CLP, SW846, 500 & 600 Series and USATHAMA methodologies. We look forward to providing analytical services to Beling Consultants on this project.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Gillespie", is written over the typed name.

Daniel J. Gillespie
Technical Services Manager

DJG/jcm

Enclosures

ATTACHMENT NO. 1

applied research & development laboratory

ARDL HIGHLIGHTS

CHEMISTRY • BIOLOGY • PHYSIOLOGY
ENGINEERING • ENVIRONMENTAL ANALYSIS

- 25 Years Experience: Established in 1971
- Experienced Staff: 50 full and part-time
- Location: Central Mid-west, Mt. Vernon, Illinois
- Adequate Facilities: 25,000 ft² plus
- State-of-the-Art Equipment: Equipment redundancy in all areas of sampling and analysis.
- Small Business Status: Considered Small Business Under SIC 8734, Laboratory Testing.

- Project Experience:

Superfund and Non-NPL Site Sample Analysis
RCRA Closures
UST/LUST Work - Investigations and Corrective Action Oversight
Site Assessment, Design and Remediation

- Contract Laboratory Experience:

Illinois EPA SRAPL/CERCLA : since 1986
Corps of Engineers / Rock Island, IL : 1987 - 1992
Corps of Engineers / Portland, OR : since 1988
Indiana DEM : 1989 - 1992; since 1997
Corps of Engineers / Dallas, TX : since 1991
Corps of Engineers / Buffalo, NY : 1991-1994
USEPA CLP-SMO: since 1991
Corps of Engineers / St. Louis, MO (Laboratory Services) : since 1992
ODM Federal Programs Corp. : 1992-1994
Rocky Mountain Arsenal : 1992 - 1996
Corps of Engineers / St. Louis, MO (Environmental Services) : since 1995
Corps of Engineers / Baltimore, MD : since 1995
Brown & Root/Navy CLEAN : since 1995
Jacobs Engineering Group/Alaska TERC: since 1996
Woodward Clyde Consultants/PMRMA Subcontract: since 1996
Corps of Engineers/Honolulu, HI : since 1997

- Successful Performance Evaluation Audits and Certifications

Corps of Engineers - Missouri River Division; Naval FESC QA Program; Illinois EPA - CLP (State and USEPA Approved Contractor); Illinois EPA - Drinking Water Certification; Indiana DEM -CLP; Oklahoma Water Resources Board; Alaska DEMC - Drinking Water Certification; State of Tennessee - Drinking Water Certification; State of Washington Dept. of Ecology; USEPA - CLP; USEPA - WS and WP Studies; Illinois Power Company; Westinghouse Remediation Services, Inc.; Environmental Quality Management

ATTACHMENT NO. 2

STANDARD OPERATING PROCEDURES

TITLE	REVISION
Anions by IC (300.0)	3.0
Arsenic/Selenium by Borohydride	1.1
Cation Exchange Capacity (Ammonium)	1.1
Cation Exchange Capacity (Sodium)	1.1
Cyanide (9010)	3.2
Cyanide (9012)	1.3
Digestion for Metals (3000 Series)	3.1
Digestion for Metals (3005A)	1.0
Digestion for Metals (3010A)	1.0
Digestion for Metals (3020A)	1.0
Digestion for Metals (3050A)	1.0
Dissolution of Oils (3040)	1.1
Flash Point, Closed (1010)	1.2
Heat of Combustion (ASTM D240)	1.1
Kjeldahl Nitrogen	1.0
Mercury (7470/7471)	3.1
Metals by GFAA (7000 Series)	3.2
Metals by ICP (6010)	3.1
Nitrate (Brucine Method)	1.0
Nitrate-Nitrite (Automated)	1.2
pH (9040B, 150.2)	1.1
Phenolics (9065)	3.0
Sulfate (375.4/9038)	1.1
Sulfite (377.1)	1.1
Total Alkalinity	1.1
Total Dissolved Solids (160.1)	1.1
Total Organic Carbon (9060)	3.0
Total Organic Halides (9020)	3.0
Total Phosphorus (365.2)	1.0
Total Recoverable Petroleum Hydrocarbons (418.4)	2.4
Total Suspended Solids (160.2)	1.2
Fluoride (340.2)	1.1
NACE Corrosivity	1.0
Reactive Cyanide & Sulfide	1.0
Acid Herbicides (8150)	3.1
Acid Herbicides (8151)	1.1
BNA's by GC/MS (8270)	3.4
Diesel Range Organics by GC	1.1
Explosives by HPLC	2.2
Gasoline Range Organics by GC	1.1
NP Pesticides	1.1
Organochlorine Pesticides (8080)	3.1
Organochlorine Pesticides (8081)	1.1
PAH Analysis by GC (8100)	3.1
PCB's (8080)	3.1
PCB's (8081)	1.1
Phenols by GC (8040)	3.1
PNA's by HPLC	1.1
Total Petroleum Hydrocarbons by GC (8015M)	3.1
VOA's by GC/MS (8240)	3.4
Volatile Aromatics (8020)	3.1
Volatile Halocarbons (8010)	3.1
Volatiles by GC (8021)	1.1
Organic Sample Prep (3500 series)	2.1
Separatory Funnel Extraction (3510)	1.0
Ultrasonic Extraction (3550)	1.0
Soxhlet Extractions (3540)	1.0
Waste Dilution (3580)	1.0
TCLP Extraction, non-Volatiles	3.0
Zero Headspace TCLP Extraction, Volatiles	3.0
Balance Calibration	2.1
General Policies	1.0
Logbook Records	3.1
Temperature Logs	2.1
Thermometer Calibration	2.0
Water Quality Monitoring	1.0
Software Utilization Plan	1.0
Document Control	1.0
Sample Acceptance Criteria	1.0
Micropipettor Calibration	1.0
Technical Services Training	1.0